

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 02/17/2005  
KATHRYN A MARRA  
General Motors Corporation  
Legal Staff, Mail Code 482-C23-B21  
P.O. Box 300  
Detroit, MI 48265-3000



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Patrice Uchno Leland (Depositor's name)  
Patrice Uchno Leland (Signature)  
April 27, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,364	10/22/2003	Shi-Wai S. Chang	GP-303400	4959

TITLE OF INVENTION: APPARATUS AND METHOD FOR LESSENING THE ACCUMULATION OF HIGH BOILING FRACTION FROM FUEL IN INTAKE VALVES OF COMBUSTION ENGINES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/17/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALI, HYDER	3747	123-188900

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kathryn A. Marra

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.117. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

General Motors Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Detroit, Michigan

71 States

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 07-0960 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Patrice Uchno Leland

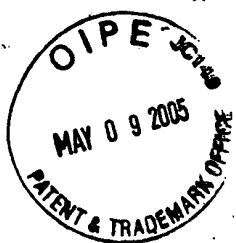
Date 4/27/05

Typed or printed name Patrice Uchno Leland

Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## JOB STATUS REPORT

TIME : 04/27/2005 10:23  
NAME : T 300 23 TC  
FAX# : 313-665-4976  
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DATE, TIME  
FAX NO./NAME  
DURATION  
PAGE(S)  
RESULT  
MODE

04/27 10:22  
817037464000  
00:00:39  
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OK  
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USPTO  
TO: Auto-reply fax to 313 665 4976 COMPANY: 4/27/2005 10:23 AM PAGE 1/001 Fax Server



## Auto-Reply Facsimile Transmission

TO:

Fax Sender at 313 665 4976

Fax Information

Date Received:

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4/27/2005 10:21:39 AM [Eastern Daylight Time]  
1 (including cover page)

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Received  
Cover  
Page

04/27/2005 10:22 313-665-4976 T 300 23 TC PAGE 01

**PART A - RECEIPT TRANSMISSION**

Complete and send this form, together with applicable fee(s), by Mail or Fax

Mail Stop 18801, P.O. Box 18801, Alexandria, Virginia 22304-1880  
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NAME: KATHRYN A. MARX  
General Motors Corporation  
Legal Staff, Mail Code 482-CZ3-B31  
P.O. Box 330  
Detroit, MI 48255-0330

CONFIRMATION OF RECEIPT: I hereby certify that this facsimile transmission was received by me on the date indicated below. I have read the facsimile transmission and it contains the information indicated on the cover page. I have read the facsimile transmission and it contains the information indicated on the cover page. I have read the facsimile transmission and it contains the information indicated on the cover page.

Signature: Kathryn A. Marx  
Date: April 27, 2005

APPLICATION NO.	FILED DATE	EXAMINER	ATTORNEY/AGENT NO.	CONFIRMATION NO.
10591364	04/27/2005	20-04 6, Class	00-0000	000

TITLE OF INVENTION: APPARATUS AND METHOD FOR REDUCING THE ACCUMULATION OF ACID BOILING FRACTION FROM FUEL IN DELUXE VALVE-LESS OR CONSTRUCTION ENGINES

APPROX. TYPE	SMALL INVENTY	EXACT FEE	PUBLICATION FEE	TOTAL FEE DUE	DATE DUE
unpublished	NO	\$100	\$300	\$400	04/27/2005

STANDARD: 2007  
ART UNIT: 12018900

ALL INVENTY: 2007

Change of correspondence address or name of the inventor? ☐ Yes ☒ No

Change of agent? ☐ Yes ☒ No

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Change of address? ☐ Yes ☒ No

Change of name? ☐ Yes ☒ No

Change of agent? ☐ Yes ☒ No

Change of address? ☐ Yes ☒ No

Change of name? ☐ Yes ☒ No

Change of agent? ☐ Yes ☒ No

Change of address? ☐ Yes ☒ No

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Change of address? ☐ Yes ☒ No

Change of name? ☐ Yes ☒ No

Change of agent? ☐ Yes ☒ No

Change of address? ☐ Yes ☒ No

Change of name? ☐ Yes ☒ No

Change of agent? ☐ Yes ☒ No



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## FACSIMILE COVER SHEET

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Date: May 9, 2005

To: US Patent and Trademark Office  
Mail Stop Issue Fee  
Alexandria, Virginia  
Fax: 703-746-4000

Number of Pages (including cover sheet): 4

Subject: Issue Fee for USSN 10/691,364

Message: On April 27, 2005, I faxed to Mail Stop Issue Fee the issue fee transmittal for the subject US Serial Number, authorizing the charge of the issue fee and publication fee to General Motors Deposit Account No. 07-0960. Attached are the issue fee transmittal statement, the Job Status Report that our fax machine printed to confirm that the fax was sent, and the Auto-Reply Facsimile Transmission that the receiving fax machine sent back to us.

Today I checked on the Patent Office website the deposit account statements for April and May 2005 for Deposit Account 07-0960 to verify that the issue fee and publication fee were properly charged. I did not see any charge for US Serial Number 10/691,364.

Would you please process these charges now.

If you have any questions, please call me at the phone number indicated below.

FROM: Patrice Uchno Leland  
GM Legal Staff  
Intellectual Property Group  
Mail Code 482-C23-B21  
300 Renaissance Center  
Detroit, Michigan  
Telephone: (313) 665-4702

Fax No.: (313) 665-4976

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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590 02/17/2005  
**KATHRYN A MARRA**  
 General Motors Corporation  
 Legal Staff, Mail Code 482-C23-B21  
 P.O. Box 300  
 Detroit, MI 48265-3000



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Patrice Uchno Leland (Depositor's name)  
 Patrice Uchno Leland (Signature)  
 April 27, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,364	10/22/2003	Shi-Wai S. Cheng	GP-303400	4959

**TITLE OF INVENTION:** APPARATUS AND METHOD FOR LESSENING THE ACCUMULATION OF HIGH BOILING FRACTION FROM FUEL IN INTAKE VALVES OF COMBUSTION ENGINES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/17/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALI, HYDER	3747	123-188900

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Kathryn A. Marra

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

General Motors Corporation

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Detroit, Michigan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 07-0960 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Patrice Uchno Leland

Date

4/27/05

Typed or printed name

Patrice Uchno Leland

Registration No. \_\_\_\_\_

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